Page 1

August 25, 2009 1:35:08 PM

Item ID:

D2576-1

G

**Revision ID:** Item Name:

Step (casting detail)

Start Date:

8/31/09

QC:

**Start Qty: 50.00** 

Required Date: 9/18/09

Req'd Qty: 50.00



Accept

Setup Start



Stop

**Cust Item ID: Customer:** 

Reference:

Approvals:

Process Plan:

Date: 07-8-21 Tooling:

Date:

SPC (Y/N):

0.00

0.00

0.00

0.00

Date:

Date:

Start Run

Stop



Sequence ID/ Work Center ID Operation Description Set Up/ **Run Hours** 

Draw Number

Plan Draw Code Rev.

Accept **Qty** 

Reject **Qty** 

Reject Number

Stamp

**Draw Nbr** 

**Revision Nbr** 

D2576

Rev G

**PURCHASING** 

Purchasing Purchasing

Memo

Issue P/O: 10260 Ship D2576 mould to vendor Cast per D2576-1 Pattern vendor: Alpine Non-Ferrous Material Release Note Required

110

100

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Ensure D2576 mould is returned with the ordered parts. PEnsure release note is

attached

120

QC6- Inspect dimensions to drawing

04/08/26

/c 4/4/16 (5U)

QC Quality Control Memo

0.00

Dart Aerospace L	∟td
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W/O:	-		W	ORK ORDER CHANG	GES			·		
DATE	STEP	PR	OCEDURE CH	ANGE .		Ву	Date Qty	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cat	egory:	NCR	: Yes	No <b>DQA</b>	ı:	_ Date: _	
		solution:	Disposition:						Date:	
NCR:			WORK OR	DER NON-CONFORM	IANCE	(NCR	)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Secondary Action Description Chief Eng	ction B	Sign & Date	Verifica Section		Approval Chief Eng	Approval QC Inspector

NOTE: Date & initial all entries

#### Work Order ID 51524

August 25, 2009 1:35:08 PM

Item ID:

D2576-1

**Revision ID:** G

Item Name:

Step (casting detail)

**Start Date:** 

8/31/09

Start Qty: 50.00

Operation

Description

Required Date: 9/18/09

Req'd Qty: 50.00



Reference:

Approvals:

Process Plan:

QC:

Date:

Date:

SPC (Y/N):

Tooling:

Set Up/

**Run Hours** 

Sequence ID/ Work Center ID

130

Packaging

Packaging

Memo

Identify as per dwg & Stock Location:

machining

0.00

0.00

140

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Accept



Setup Start

Stop



**Cust Item ID:** 

**Customer:** 

Date:

Date:

Start Run

Stop

Draw Number Draw Rev.

Plan Accept **Qty** Code

Reject Qty

Reject Number

Insp. Stamp

12 01/09/21

50

mf 09-09-21

## **Dart Aerospace Ltd**

W/O:			WO	RK ORDER CHANG	GES					
DATE STEP		PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Categ	ory:	NCF	R: Yes N	lo DQA:		Date:	
			Disposition:							
NCR:			WORK ORDE	R NON-CONFORM	IANCE	(NCR)				
DATE	STEP	Description of NC Section A	Initial	Corrective Action Secondary Secondar	ction B	Sign &	Verifica Section		Approval Chief Eng	Approval QC Inspector
		5553.6.1171	Chief Eng	Chief Eng		Date	Goodilo		2	

NOTE: Date & initial all entries

## **Picklist Print**

August 25, 2009 1:35:08 PM

Work Order ID: 51524

Parent Item:

D2576-1RevG

Parent Item Name: Step (casting detail)

Comments:

Com	ponent	Item	ID/
Item	Name		

Replacement Mfg/ Item ID

Purch

Purchased

Primary Item Location

No

Last Location

Route Seq ID 100

Each

Unit of

Measure Hand 0.0000

Qty on

50.0000

**Start Date: 8/31/09** 

Start Qty: 50.00

Remaining

**Qty To Pick** 

Qty

Issued

Required Date: 9/18/09

Required Qty: 50.00

Date Issued

Status

D2576-1PRevG

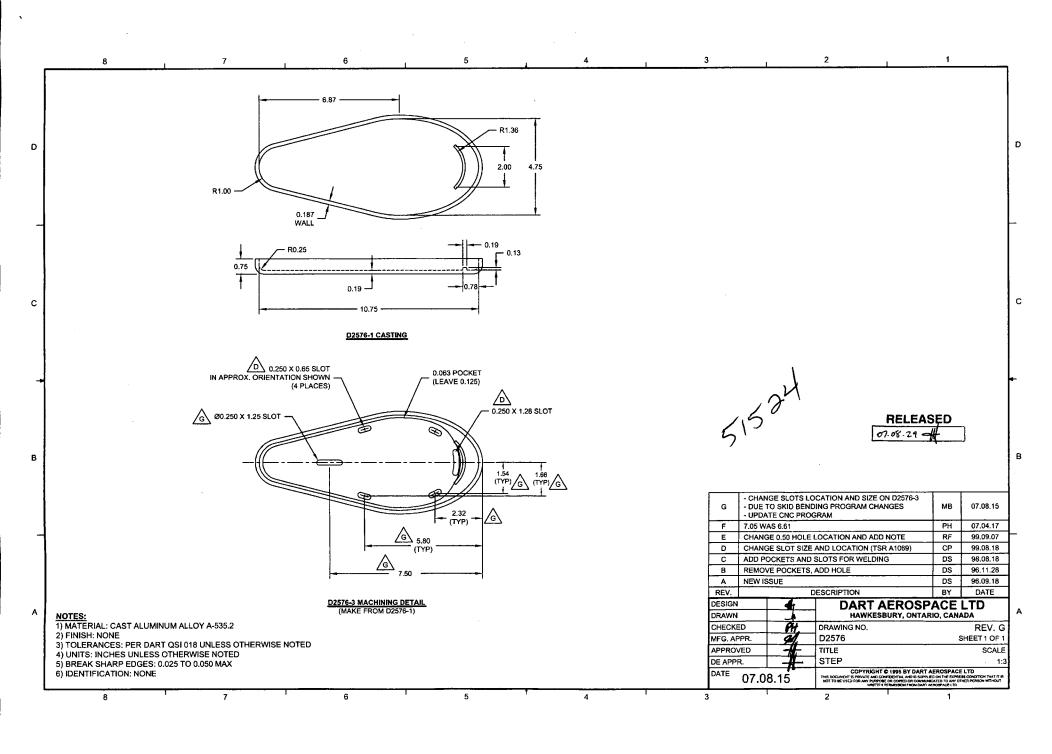
Step (Casting Detail)



# **Dart Aerospace Ltd**

W/O:			WO	RK ORDER CHA	ANGES					
DATE STEP		PRO	OCEDURE CHAN	IGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				*. *						
				. *15/18/						
Part No	•	PAR #:	Fault Categ	ory:	NC	R: Yes	No DQ	<b>A</b> :	Date:	
	R	esolution:	Disposition:			: N/C CI	osed:		Date:	
NCR:			WORK ORDE	R NON-CONFO	RMANCE	(NCF	R)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Action Descrip	Section B	Sign 8		cation	Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng		Date	0000		J. 10. 2.19	Q mopostor
					2 - 7-20.					
	·									

NOTE: Date & initial all entries



## ALPINE NON-FERROUS FOUNDRY

#### **WORK ORDER**

8657-132ND STREET SURREY, B.C. V3W 4P1

Tel: (604) 596-8080

Fax: (604) 596-8045

Sold To:

DART AEROSPACE

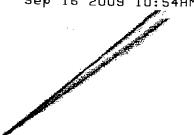
1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7

CANADA

Ship To: DART AEROSPACE

Comments

Castings&Patterns are property of Alpine until paid in full



Attn. Shantal

### CERTIFICATE OF ANALYSIS

CUSTOM ALLOY LIGHT METALS
13329 ECTOR STREET CITY OF INDUSTRY, CA 91746
PH# (626) 369-3641 FAX# (626) 369-2471

**CUSTOMER:** 

RYPAC ALUMINUM 11849 TANNERY ROAD SURREY BRITISH COLUMBIA, SHIP DATE EB 1 0 2009

CONFORMS TO ASTM SPECIFICATION: B179-06

Alloy:	535.2		
Heat:	A8388 09/09/17		
Si	0.066	Si	.10
Fe	0.095	Fe	.10
Cu	0.003	Cu	.05
Mn	0.169	Mn	.1025
Mg	7.080	Mg	6.6-7.5
Cr	0.001	Cr	
Zn	0.015	Zn	.05
Ti	0.198	Tì	.10-,25
Sn	0.007	Sn	
Pb	0.001	Pb	
Ni	0.004	Ni	
OET	< .15	OET	.15
Sr	0.000	Sr	,
Al	REMAINDER	Al	REMAINDER

BE .004

BE .003-.007

ELEMENTS LISTED WITHOUT A RANGE, UNDER THE REQUIRED SPECIFICATIONS, ARE MAXIMUM ALLOWABLE PERCENTAGES. SAMPLES ANALYZED ON AN OPTICAL EMISSION SPECTROMETER WITH CURRENT CALIBRATION STATUS. STANDARDS ARE NIST OR ARE TRACEABLE TO NIST.

RON ZAKRZEWSKI

FEB 1 0 2009

DATE

LAB MANAGER
FM-12:01 Rev D 12/5/2001

WARNING: THE BUYER IS ADVISED THAT THIS METAL MAY CONTAIN CREVICES AND HIDDEN RECESSES HOLDING ENTRAPPED MOISTURE. THE METAL SHOULD BE HANDLED AND PROCESSED WITH THIS POSSIBILITY IN MIND. ENTRAPPED MOISTURE MAY CAUSE AN EXPLOSON IF THE METAL IS INTRODUCED INTO A MELTING FURNACE WITHOUT PROPER DRYING.



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

#### **PURCHASE ORDER**

#### Purchase Order ID PO10260

Purchase Order Date 8/26/09 PO Print Date 8/26/09

Page Number 1 of 1

Order From:

ALPINE NON-FERROUS FOUNDRY 8657 - 132ND STREET SURREY, BC V3W 4P1

CA

VC-ALP001

**Contact Name** 

Vendor Phone

604 596 8080

Vendor Fax

604 596 8045

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr Tax Resale Nbr

10127-2607

Terms Currency Net 30 CAD

**FOB** 

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

r Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable U	Req Qty/ nit of Measure	Ship Method	Unit Price	Extended Price
D2576-1P	Step (Casting Detail)	9/15/09 Yes	50.00 Each	FedEx Ecocomy	\$17.7500	\$887.50

Special Inst:

AS PER DWG D2576 REV. G

B51524

MATERIAL: CAST ALUMINUM ALLOY A-535.2 BREAK ALL SHARP EDGES:

0.025 TO 0.050 MAX

PO Total:

\$887.50

CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY

> MATERIAL CERTIFICATION REQ'D UPON DELIVERY



No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

Change Date: 8/26/09